

## INDEX TO VOLUME 51

- AMARANATH, T. see PADMAVATHI, B. S.
- ARGYROPOULOS, E., KIRIAKI, K. and ROACH, G. F. A modified Green's-function technique for the exterior Dirichlet problem in linear elasticity 275
- BAERHEIM, R. Classification of symmetry by means of Maxwell multipoles 73
- BODONYI, R. J. and KLUWICK, A. Transonic trailing-edge flow 297
- BORODICH, F. M. and GOMATAM, J. An exact solution for the first stage of frictional collision of a die and an elastic half-space 563
- CHEN, G., COLEMAN, M. P. and DING, Z. Some corner effects on the loss of selfadjointness and the non-excitation of vibration for thin plates and shells 213
- COLEMAN, M. P. see CHEN, G.
- DASSIOS, G. and LUCAS, R. J. Electromagnetic imaging of ellipsoids and ellipsoidal bosses 413
- DAVIES, E. B. and PARNOVSKI, L. Trapped modes in acoustic waveguides 477
- DAVIS, A. M. J. and STONE, H. A. Slow translation, rotation or oscillation of a disk in a rotating fluid: effect of a plane wall or another disk 495
- DIDWANIA, A. K. see GODDARD, J. D.
- DING, Z. see CHEN, G.
- DOOLE, S. H. The pressure head and flowforce parameter space for waves with constant vorticity 61
- DUFFY, B. R. see WILSON, S.K.
- ELLIOTT, J. W. and SMITH, F. T. The effect of smooth deceleration of the external stream on an aligned flat-plate boundary layer 339
- EVANS, D. V. and PORTER, R. Trapped modes embedded in the continuous spectrum 263
- FABRIKANT, V. I. Relationship between the solutions to normal and tangential crack problems 329
- FAN, C. W. see HWU, C.
- FOLKOW, P. D., OLSSON, P. and KRISTENSSON, G. Time domain Green functions for the homogeneous Timoshenko beam 125
- FORTE, S. and VIANELLO, M. Functional bases for transversely isotropic and transversely hemitropic invariants of elasticity tensors 543
- FOWKES, N. D. and HOOD, M. J. Surface tension effects in a wedge 553
- GODDARD, J. D. and DIDWANIA, A. K. Computations of dilatancy and yield surfaces for assemblies of rigid frictional spheres 15
- GOMATAM, J. see BORODICH, F. M.

GOYAL, A. see JAYARAMAN, G.	
GROVES, M. D. Corrigendum—Hamiltonian long-wave theory for water waves in a channel	493
HOOD, M. J. see FOWKES, N. D.	
Hwu, C. and FAN, C. W. Sliding punches with or without friction along the surface of an anisotropic elastic half-plane	159
IOSILEVSKII, G. An asymptotic theory of high-aspect ratio non-planar curved wings in steady incompressible flow	241
ITS, E. and LEE, J. Scattering of surface elastic waves at a vertical anisotropic layer	439
JAYARAMAN, G., PEDLEY, T. J. and GOYAL, A. Dispersion of solute in a fluid flowing through a curved tube with absorbing walls	577
JIANG, X. and OGDEN, R. W. On azimuthal shear of a circular cylindrical tube of compressible elastic material	143
KIRIAKI, K. see ARGYROPOULOS, E.	
KLUWICK, A. see BODONYI, R. J.	
KRISTENSSON, G. see FOLKOW, P. D.	
LEE, J. see ITS, E.	
LESLIE, D. J. and SCOTT, N. H. Incompressibility at uniform temperature or entropy in isotropic thermoelasticity	191
LINTON, C. M. and McIVER, M. Trapped modes in cylindrical waveguides	389
LUCAS, R. J. see DASSIOS, G.	
McIVER, M. see LINTON, C. M.	
MEERE, M. G. An analysis of a kick-out diffusion mechanism with charge effects	515
NILSSON, B. Scattering of stable and unstable waves in a flow duct	599
OGDEN, R. W. see JIANG, X.	
OLSSON, P. see FOLKOW, P. D.	
PADMAVATHI, B. S., RAJA SEKHAR, G. P. and AMARANATH, T. A note on complete general solutions of Stokes equations	383
PARNOVSKI, L. see DAVIES, E. B.	
PATEL, R. A. see WALTON, A. G.	
PEDLEY, T. J. see JAYARAMAN, G.	
PORTER, R. see EVANS, D. V.	
QUINTANILLA, R. Decay estimates for nonlinear equations with applications to perfect gases	45
RAJA SEKHAR, G. P. see PADMAVATHI, B. S.	
RAM, Y. M. Pole assignment for the vibrating rod	461
ROACH, G. F. see ARGYROPOULOS, E.	
ROITBERG, I., VASSILIEV, D. and WEIDL, T. Edge resonance in an elastic semi-strip	1
SCOTT, N. H. see LESLIE, D. J.	
SHI, J. see TORDESILLAS, A.	
SMITH, F. T. see ELLIOTT, J. W.	

## INDEX TO VOLUME 51

3

- STONE, H. A. see DAVIS, A. M. J.
- SVANADZE, M. ZH. On existence of eigenfrequencies in the theory of two-component elastic mixtures 427
- TARANTINO, A. M. On extreme thinning at the notch tip of a neo-Hookean sheet 179
- TORDESILLAS, A. and SHI, J. Indentation of a double shearing dilatant granular material by a smooth rigid wedge 633
- VASSILIEV, D. see ROITBERG, I.
- VIANELLO, M. see FORTE, S.
- WALTON, A. G. and PATEL, R. A. On the neutral stability of spanwise-periodic boundary-layer and triple-deck flows 311
- WEIDL, T. see ROITBERG, I.
- WILSON, S. K. and DUFFY, B. R. On lubrication with comparable viscous and inertia forces 105
- WU, G. X. Wave radiation and diffraction by a submerged sphere in a channel 647



